

Notice of Allowability

Application No.

09/826,009

Applicant(s)

NAKAHARA ET AL.

Examiner

Art Unit

Christopher Onuaku

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the amendment and RCE of 5/16/07.
2. The allowed claim(s) is/are 1-4,6-8,10-18,20-29,31,33,35,37,39,41,43,&45 (now renumbered 1,2,4,3,5,7,9,11,12,14,15,17,18,20,19,21,23,24,26,27,29,30,32,33,6,10,13,16,22,25,28,31&34, respectively).
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. ____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
1) hereto or 2) to Paper No./Mail Date ____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application
6. Interview Summary (PTO-413),
Paper No./Mail Date ____
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other ____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/16/07 has been entered.

Allowable Subject Matter

2. Claims 1-4,6-8,10-18,20-29,31,33,35,37,39,41,43&45 are allowable over the prior art of record.

3. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a

carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose the information recording medium, which is readable by an information reproducing apparatus, comprising different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 7, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto

Art Unit: 2621

and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose the information recording apparatus, where the apparatus further comprises wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 11, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information

recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk), including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose an information recording method for recording integrated reproducing procedure information, where the method further comprises where wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 13, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such

as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose an information recording medium in which an information recording control program is readably recorded by a computer, where the information recording control program causing the computer to further function as wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 15, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose the information reproducing apparatus for reproducing recording information from an information recording medium, where the apparatus further comprises wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially

reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 21, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose the information reproducing method for reproducing recording information from an information recording medium, where the method further comprises the process of wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information

with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 23, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose an information recording medium in which an information reproducing control program is readably recorded by a computer included in an information reproducing apparatus for reproducing recording information, where the information reproducing control program causing the computer to

further function as wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 25, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose a computer data signal recording medium in which a computer data signal embodied in a carrier wave is readably recorded by a computer, the computer data signal representing a series of instructions which cause the computer to perform steps to execute a recording process in an information recording apparatus for recording integrated reproducing procedure information, where the steps further comprises wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Regarding claim 27, the invention relates to a technical field of an information recording medium in which different kinds of plural items of recording information such as audio information and video information are recorded, an information recording/reproducing apparatus/method for recording/reproducing information onto and from the information recording medium, and a computer data signal embodied in a carrier wave, which enables a computer to perform such a recording/reproducing process.

The closest reference Yoshio et al disclose an information record medium such as an optical disk of a high recording density type, which is capable of recording information such as video information, audio information and the like at a high density, and which is represented by a DVD (Digital Versatile or Video Disk) , including recording apparatus for recording/reproducing information onto and from the information record medium.

However, Yoshio et al fail to explicitly disclose a computer data signal recording medium in which a computer data signal embodied in a carrier wave is readably recorded by a computer, the computer data signal representing a series of instructions which cause the computer to perform steps to execute a recording process in an information reproducing apparatus for reproducing recording information from an information recording medium, where the steps further comprises wherein the different kinds of recording information, which is recording units independent of each other, and each recorded in a respective format, to be reproduced by the integrated reproducing procedure information, the recording information comprising any of video information with associated audio information, only audio information, and data information for being read by a computer, and wherein two or more recording information to be sequentially reproduced by the integrated reproducing procedure information includes at least the data information.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on 571-272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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JOHN MILLER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600